VOLUME 90

DATES OF ISSUE

Part 1	May 1990	Part 3	December 1990
Part 2	September 1990	Part 4	February 1991

CONTENTS

	Page
Contents	278
Index	282
RAOU Officers	291

PART 1

Wesley W. Weathers, Debra L. Weathers and Roger S. Seymour. Polygyny and reproductive effort in the Malleefowl *Leipoa ocellata* 1

Sonia C. Tidemann. Factors affecting territory establishment, size and use by three co-existing species of fairy-wrens (*Malurus*) 7

Michael F. Clarke and Catherine F. Heathcote. Dispersal, survivorship and demography in the co-operatively-breeding Bell Miner *Manorina melanophrys* 15

C.M. Miskelly. Effects of the 1982-83 El Niño event on two endemic landbirds on the Snares Islands, New Zealand 24

C.M. Miskelly. Aerial displaying and flying ability of Chatham Island Snipe *Coenocorypha pusilla* and New Zealand Snipe *C. aucklandica* 28

Alan Lill and Peter J. Fell. Egg composition in some Australian birds 33

D. Robinson. The nesting ecology of sympatric Scarlet Robin *Petroica multicolor* and Flame Robin *P. phoenicea* populations in open eucalypt forest 40

Philip J. Seddon and Yolanda van Heezik. Diving depths of the Yellow-eyed Penguin *Megadyptes antipodes* 53

Short Communications

J.A. Bassett, E.J. Woehler, P.H. Ensor, K.R. Kerry and G.W. Johnstone. Adélie Penguins and Antarctic Petrels at Mount Biscoe, Western Enderby Land, Antarctica 58

John P.Y. Arnould. A peculiar observation of nesting behaviour in the Southern Fulmar *Fulmaris glacialoides* 60

Book reviews 62

VOLUME 90

DATES OF ISSUE

Part 1	May 1990	Part 3	December 1990
Part 2	September 1990	Part 4	February 1991

CONTENTS

	Page
Contents	278
Index	282
RAOU Officers	291

PART 1

Wesley W. Weathers, Debra L. Weathers and Roger S. Seymour. Polygyny and reproductive effort in the Malleefowl *Leipoa ocellata* 1

Sonia C. Tidemann. Factors affecting territory establishment, size and use by three co-existing species of fairy-wrens (*Malurus*) 7

Michael F. Clarke and Catherine F. Heathcote. Dispersal, survivorship and demography in the co-operatively-breeding Bell Miner *Manorina melanophrys* 15

C.M. Miskelly. Effects of the 1982-83 El Niño event on two endemic landbirds on the Snares Islands, New Zealand 24

C.M. Miskelly. Aerial displaying and flying ability of Chatham Island Snipe *Coenocorypha pusilla* and New Zealand Snipe *C. aucklandica* 28

Alan Lill and Peter J. Fell. Egg composition in some Australian birds 33

D. Robinson. The nesting ecology of sympatric Scarlet Robin *Petroica multicolor* and Flame Robin *P. phoenicea* populations in open eucalypt forest 40

Philip J. Seddon and Yolanda van Heezik. Diving depths of the Yellow-eyed Penguin *Megadyptes antipodes* 53

Short Communications

J.A. Bassett, E.J. Woehler, P.H. Ensor, K.R. Kerry and G.W. Johnstone. Adélie Penguins and Antarctic Petrels at Mount Biscoe, Western Enderby Land, Antarctica 58

John P.Y. Arnould. A peculiar observation of nesting behaviour in the Southern Fulmar *Fulmaris glacialoides* 60

Book reviews 62

PART 2

C.B. Frith and D.W. Frith. Nesting biology and relationships of the Lesser Melampitta *Melampitta lugubris* 65

J.A. van Franeker, P.J. Bell and T.L. Montague. Birds of Ardery and Odbert Islands, Windmill Islands, Antarctica 74

David Priddel and Robert Wheeler. Survival of Malleefowl *Leipoa ocellata* chicks in the absence of ground-dwelling predators 81

Geoffrey C. Smith. Factors influencing egg laying and feeding in Black-naped Terns *Sterna sumatrana* 88

V. Bretagnolle and T. Thomas. Seabird distribution between Tasmania and Adélie Land (Antarctica), and comparison with nearby Antarctic sectors 97

Alan D. Hemmings. Winter territory occupation and behaviour of skuas at the Chatham Islands, New Zealand 108

William A. Buttemer and Lee B. Astheimer. Thermal and behavioural correlates of nest site location in Black Noddies 114

Ken Chan, Hugh A. Ford and Stephen J. Ambrose. Ecophysical adaptations of the Eastern Spinebill *Acanthorhynchus tenuirostris* to a high altitudinal winter environment 119

P. Jouventin and B. Lequette. The dance of the Wandering Albatross *Diomedea exulans* 123

Short Communications

Doug P. Armstrong. Co-operative care of fledglings by New Holland Honeyeaters 132

James D. Reichel and Philip O. Glass. Micronesian Starling predation on seabird eggs 135

C.B. Frith and D.W. Frith. Archbold's Bowerbird *Archboldia papuensis* (Ptilonorhynchidae) uses plumes from King of Saxony Bird of Paradise *Pteridophora alberti* (Paradisaeidae) as bower decoration 136

Book reviews 138

PART 3

T. Aumann. Use of stones by the Black-breasted Buzzard *Hamirostra melanosternon* to gain access to egg contents for food 141

Michael Lenz. The breeding bird communities of three Canberra suburbs 145

Peter J. Whitehead and Kurt Tschirner. Eggs and hatchlings of the Magpie Goose *Anseranas semipalmata* 154

David J. Baker-Gabb, Joseph S. Benshemesh and Philip N. Maher. A revision of the distribution, status and management of the Plains-wanderer *Pedionomus torquatus* 161

Jeremy Thompson. The sex and age-related distribution of Bar-tailed Godwits in Moreton Bay, Queensland, during the northward migration 169

M.K. Tarburton. Breeding biology of the Atiu Swiftlet 175

Richard Zotier. Breeding ecology of a subantarctic winter breeder: the Grey Petrel *Procellaria cinerea* on Kerguelen Islands 180

Kristine French. Evidence for frugivory by birds in montane and lowland forests in south-east Australia 185

S.V. Briggs. Sexual and annual differences in activity budgets of Maned Duck *Chenonetta jubata* 190

Short Communications

Catherine E. Meathrel. Little Eagle *Hieraaetus morphnoides* predatrion of Silver Gulls *Larus novaehollandiae* at a colony in south-western Australia 195

Eric J. Woehler and Charles A. Gilbert. Hybrid Rockhopper–Macaroni Penguins, interbreeding and mixed species pairs at Heard and Marion Islands 198

David H. Ellis, Cameron B. Kepler, Angela Kay Kepler and Katino Teebaki. Occurrence of the Long-tailed Cuckoo *Eudynamis taitensis* on Caroline Atoll, Kiribati 202

Book reviews 203

PART 4

Stephen J.M. Blaber. Checklist and notes on the current status of the birds of New Georgia, Western Province, Solomon Islands 205

M.G. Brooker, R.W. Braithwaite and J.A. Estbergs. Foraging ecology of some insectivorous and nectarivorous species of birds in forests and woodlands of the wet-dry tropics of Australia 215

L.H. Smith. A Method for determining the curvature of natural forms and its application to certain tail feathers of the Superb Lyrebird *Menura novaehollandiae* 231

Bradley C. Congdon. Brood enlargement and post-natal development in the Black Noddy *Anous minutus* 241

B.R. King. Distribution and status of the Torresian Imperial Pigeon *Ducula spilorrhoa* in north-eastern Queensland: Cooktown to Cape York 248

C.B. Frith and D.W. Frith. Nidification of the Chestnut Forest-Rail *Rallina rubra* (Rallidae) in Papua New Guinea and a review of *Rallina* nesting biology 254

A.R. Bamford, S.J.J.F. Davies and R. Van Delft. The effects of model power boats on waterbirds at Herdsman Lake, Perth, Western Australia 260

Short Communications

Barry J. Reville, Jeff D. Tranter and Hugh D. Yorkston. Timing of primary moult in the tropical seabird *Sula abbotti* 266

Margaret D. Mackay. The egg of Wahnes' Parotia *Parotia wahnesi* (Paradisaeidae) 269

T. Stokes and M. Hinchey. Which small noddies breed at Ashmore Reef in the Indian Ocean? 269

RAOU Fellow: Citation 272
Brian Douglas Bell

Book reviews 274